

WILLIAM A. MARSH, HIS INTRODUCED TAXA OF
UNIONIDAE OR FRESH WATER MUSSELS

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Very little is known about William A. Marsh at this time, only that he was a resident of Aledo, Illinois, and was active in the study of Unionidae from 1880-1902. He died some time before 1927, and his collection was purchased by Bryant Walker and Lorraine S. Frierson. On the death of the latter, Walker purchased his collection, so that the Marsh collection was reunited, and is now part of the Walker collection in the Museum of Zoology, University of Michigan, Ann Arbor, Michigan.

Of the 10 unionid taxa Marsh introduced, the holotypes or lectotypes of 6 are in the Academy of Natural Sciences of Philadelphia (Johnson, R. I. and H. B. Baker, 1973, *The types of Unionacea (Mollusca: Bivalvia) in the Academy of Natural Sciences of Philadelphia*. Proc. Acad. Nat. Sci. Phila. 125: 145-186, pls. 1-10); 2 are in the Museum of Zoology, University of Michigan, and 2 which should be there are lost, though a syntype of one of them is in the Museum of Comparative Zoology. Other paratypes or paralectotypes in the Museum of Comparative Zoology and National Museum of Natural History are also included in this list.

BIBLIOGRAPHY

1880. See under: *upsoni*, *Unio*.
1884. Catalogue of Unionidae in the cabinet of W. A. Marsh, Aledo, Mercer Co., Illinois. Cover title. Caption title reads: Catalogue of land and fresh-water shells in the cabinet of, etc. 13 pp. Aledo, Illinois.
1885. List of shells collected in central Tennessee. (With A. A. Hinkley senior author). Aledo, Illinois. [Not seen. Mentioned by Ortmann (1924, *The naiad fauna of Duck River in Tennessee*, American Midland Nat. 9: 5) who referred to 18 species on the list], pp. 1-10.
- 1887-88. Brief notes on land and freshwater shells of Mercer County, Illinois. 1887. Conchologist's Exchange 1: 42, 50, 62, 74; 1887, 2: 4, 20, 36, 48, 65, 80; 1888, 90, 103, 110; 3: 34.

1891. Description of two new species of *Unio* from Arkansas. *Nautilus* 5: 1-2.
1891. Description of two new species of *Unio* from Florida. *Nautilus* 5: 29-30.
1896. New American Unionidae. Aledo [Mercer Co., Illinois] Republican, Nov. 18, 1896 [newspaper].
1896. New American *Unio*. *Nautilus* 10: 91-92, pl. 1, figs. 3, 4.
1897. New American Unionidae. *Nautilus* 10: 103-104, pl. 1, figs. 1, 25.
1901. Description of a new *Unio* from Missouri. *Nautilus* 15: 74-75, pl. 5, figs. 1-2.
1902. Description of a new *Unio* from Tennessee. *Nautilus* 15: 115-116; 16: 8, pl. 1, upper two figs.
1902. Description of a new *Unio* from Tennessee. *Nautilus* 16: 7-8, pl. 1, lower two figs.

Species of Unionidae described by William A. Marsh.

Locality data in brackets are additions from original labels or modern atlases.

The following abbreviations have been used:

ANSP — Academy of Natural Sciences of Philadelphia, Pennsylvania

MCZ — Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts

MZUM — Museum of Zoology, University of Michigan, Ann Arbor, Michigan

USNM — National Museum of Natural History, Washington, D. C.

andrewsii, *Quadrula*: 1902, *Nautilus* 15: 115 (Holston River, Tennessee); 1902, *Nautilus* 16: 8, pl. 1, upper two figs. as *andrewsae*. Figured holotype ANSP 83170; paratype MCZ 134060.

askewi, *Unio*: 1896, *Nautilus* 10: 91, pl. 1, figs. 3, 4 (Village Creek, Hardin Co.; Sabine River; both Texas). Figured holotype ANSP 70448a; paratype MCZ 30555, both from the latter locality.

beauchampii, *Quadrula*: 1902, *Nautilus* 16: 7, pl. 1, lower two figs. (Little Tennessee River; Holston River; both Tennessee). Figured holotype ANSP 83169 from the former locality.

- ferrissii*, *Unio*: 1891, *Nautilus* 5: 30 (a small creek near Pilatka [Palatka, Putnam Co.], Florida). Type figured by Simpson, 1892, *Proc. U. S. Natl. Mus.* 15: 423, pl. 66, figs. 1-2, probably returned to Marsh [lost].
- missouriensis*, *Pleurobema*: 1901, *Nautilus* 15: 74 (Black River, near Poplar Bluff, Butler Co., Missouri). Holotype MZUM 38855 figured by Walker 1915, *Nautilus* 28: 140, pl. 5, figs. 1-2; also a smaller paratype.
- pilsbryi*, *Unio*: 1891, *Nautilus* 5: 1 (Little Red River, Arkansas). Holotype ANSP 41589a figured by Pilsbry, 1892, *Proc. Acad. Nat. Sci. Phila.* 44: 131, pl. 8, figs. 7-8 and in 1892, *Nautilus* 6, pl. 1, figs. 7-8; paratypes MZUM 42931.
- pleasii*, *Unio*: 1891, *Nautilus* 5: (Little Red River, Arkansas). Lectotype ANSP 56480a selected by Johnson and Baker, 1973, *Proc. Acad. Nat. Sci. Phila.* 125: 166, pl. 9, fig. 5; allotype ANSP 56480; paralectotypes MZUM 237354; MCZ 231258 and USNM 124641.
- singleyanus*, *Unio*: 1891, *Nautilus* 5: 29 (small creek near Pilatka [Palatka, Putnam Co.], Florida). Holotype MZUM 17628 figured by Simpson, 1892, *Proc. U. S. Natl. Mus.* 15: 426, pl. 68, figs. 4, 5, from the Frierson colln.
- superiorensis*, *Unio*: 1897, *Nautilus* 10: 103, pl. 1, figs. 1, 2, 5 (Michipicoton River, upper shore of Lake Superior [Canada]). Figured holotype ANSP 70449a; paratype ANSP 70449, fig. 5; paratypes MZUM 209139, MCZ 20169 and USNM 133386.
- ipsoni*, *Unio*: 1880, "Read before the Mercer County, Illinois, Scientific and Historical Society March 2, 1880. Mr. Marsh had copies of the description published and thinks that the species was described on the records. It was not figured," Simpson, 1900, *Proc. U. S. Natl. Mus.* 22: 539; Marsh 1887, *Conch. Exchange [Nautilus]* 1: 51 (Kishaeaukee River, Winnebago County, Illinois). Not found in the MZUM; syntype MCZ 5551 in the R. E. Call colln.